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Page	Line	Reads	Should read
146	11 from top	$C_l = \exp\left(-\frac{l\gamma\pi}{2a}\right) - \frac{l\gamma}{2a}\operatorname{si}\frac{l\pi}{2}$	$C_l = \exp\left(-\frac{l\gamma\pi}{2a}\right) - \frac{l\gamma}{a}\operatorname{si}\frac{l\pi}{2}$.
576	18 from top	$Tl = 60000$	$Tl = 62000$
	Table 1, last line, term T_k	24663	14663
577	Table 2		

Molecule	Term	Reads	Should read
Li_2	T_2	20437	20436
Na_2	T_9	R 45846	R 35846
K_2	T_3	(17970)	(17900)
NaK	T_1	12140	12140
NaCs	T_3	18249	18249
RbCs	T_2	13747^{7}	13747^{7}
NaH	T_2	31707^{15}	31700^{15}

616 Equation (9) should read as follows:

$$k'_s = -\frac{(C_1^0)^s}{4\pi}\int\left\{1+\frac{1}{4\pi}\sum_{i=1}^{s}\int f_{i,s+1}F_1^0(i)\,d\Omega_l\right\}F_1^0(s+1)\,d\,q_{s+1}d\Omega_{s+1}.$$

Page	Line	Reads	Should read
630	Item 6, first line	$\rho = C\exp(\neq \omega/2)$	$\rho = C\exp(\pm \omega/2)$
736	14 from top	FEU-19-II	FEU-19-M
738		Received June 14, 1956	Received August 14, 1956

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SIGNIFICANCE OF ABBREVIATIONS MOST FREQUENTLY ENCOUNTERED IN SOVIET PHYSICS PERIODICALS

AN SSSR	*Academy of Sciences, USSR*
FIAN	*Physics Institute, Academy of Sciences USSR*
GITI	*State Scientific and Technical Press*
GITTL	*State Press for Technical and Theoretical Literature*
GOI	*State Optical Institute*
GONTI	*State United Scientific and Technical Press*
Gosenergoizdat	*State Power Press*
Gosfizkhimizdat	*State Physical Chemistry Press*
Gozkhimizdat	*State Chemistry Press*
GOST	*All-Union State Standard*
Goztekhizdat	*State Technical Press*
GTTI	*State Technical and Theoretical Press*
GUPIAE	*State Office for Utilization of Atomic Energy*
IF KhI	*Institute of Physical Chemistry Research*
IFP	*Institute of Physical Problems*
IL	*Foreign Literature Press*
IPF	*Institute of Applied Physics*
IPM	*Institute of Applied Mathematics*
IREA	*Institute of Chemical Reagents*
ISN (Izd. Sov. Nauk)	*Soviet Science Press*
IIaP	*Institute of Nuclear Studies*
Izd	*Press (publishing house)*
KISO	*Solar Research Commission*
LETI	*Leningrad Electrotechnical Institute*
LFTI	*Leningrad Institute of Physics and Technology*
LIM	*Leningrad Institute of Metals*
LITMiO	*Leningrad Institute of Precision Instruments and Optics*
Mashgiz	*State Scientific-Technical Press for Machine Construction Literature*
MATI	*Moscow Aviation Technology Institute*
MGU	*Moscow State University*
Metallurgizdat	*Metallurgy Press*
MOPI	*Moscow Regional Institute of Physics*
NIAFIZ	*Scientific Research Association for Physics*
NIFI	*Scientific Research Institute of Physics*
NIIMM	*Scientific Research Institute of Mathematics and Mechanics*
NII ZVUKSZAPIOI	*Scientific Research Institute of Sound Recording*
NIKFI	*Scientific Institute of Motion Picture Photography*
OIIaI	*Joint Institute of Nuclear Studies*
ONTI	*United Scientific and Technical Press*
OTI	*Division of Technical Information*
OTN	*Division of Technical Science*
RIAN	*Radium Institute, Academy of Sciences of the USSR*
SPB	*All-Union Special Planning Office*
Stroiizdat	*Construction Press*
URALFTI	*Ural Institute of Physics and Technology*

NOTE: Abbreviations not on this list and not explained in the translation have been transliterated, no further information about their significance being available to us.—*Publisher.*

The expanded program of the American Institute of Physics comprises translation of four leading Soviet physics journals, as listed below. These translations, by competent, qualified scientists, provide all research laboratories and libraries with accurate and up-to-date information of the results of research in the U.S.S.R.

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